Index of Claims

| App | licatio | on/Co | ntrol | No. |
|-----|---------|-------|-------|-----|
|-----|---------|-------|-------|-----|

09/715,133

Examiner

Justin P. Misleh

Applicant(s)/Patent under Reexamination

CLAUS ET AL.

Art Unit

2622

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                      | L            | L  |          |          |              |          |          | Ц            |                        |  |  |
|----------|----------------------|--------------|--|----------|----------|--------------|----------|----------|--------------|------------------------|--|--|
| Cla      | im                   | Date         |  |          |          |              |          |          |              |                        |  |  |
| Cle      |                      |              |  |          |          | Jan          | -        |          |              | $\dashv$               |  |  |
| Final    | Original             | 7/21/06      | i  |          |          |              |          |          |              |                        |  |  |
| 1        | 1                    | ╘            |  |          |          | Н            |          |          |              | Н                      |  |  |
| 2        | 2                    | =            |  |          |          |              |          |          |              | П                      |  |  |
| -3       | 3                    | =            |  |          |          | $\vdash$     |          |          |              | $\neg$                 |  |  |
| 3 4      | 4                    | =            | ┢  | $\vdash$ | _        | ┢            |          | _        | _            | Н                      |  |  |
| 5        | <u>4</u><br>5        | -            | $\vdash$   | H        |          | <u> </u>     |          | -        |              | H                      |  |  |
| 6        | 6                    | =            | <del>                                     </del> |          |          |              |          |          |              | Н                      |  |  |
| 7        | 7                    | =            | $\vdash$   |          |          | $\vdash$     |          | _        | $\vdash$     | H                      |  |  |
| 8        | 8                    | =            | -  |          |          | <del> </del> | -        | -        | H            | H                      |  |  |
| 9        | 9                    | =            |  |          | _        | 1            |          |          |              | H                      |  |  |
| 10       | 10                   | =            |  |          | _        | $\vdash$     |          | _        | _            | Н                      |  |  |
| 11       | 11                   | =            | İ  |          |          |              |          |          |              | Н                      |  |  |
| 12       | 12                   | =            |  | П        |          |              |          |          |              | П                      |  |  |
| 13       | 13                   | =            |  |          |          |              |          |          |              | П                      |  |  |
| 13<br>14 | 14                   | =            |  |          |          | İ            |          |          |              | М                      |  |  |
|          | 13<br>14<br>15       |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 16                   |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 16<br>17<br>18<br>19 |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 18                   |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 19                   |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 20                   |              |  |          |          |              |          |          |              | П                      |  |  |
|          | 21                   | Г            |  |          |          |              |          |          |              | П                      |  |  |
|          | 21<br>22<br>23       |              |  |          |          |              |          |          |              |                        |  |  |
|          | 23                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 24                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 24<br>25<br>26<br>27 |              |  |          |          |              |          |          | L            | Ш                      |  |  |
|          | 26                   | _            |  |          |          |              |          |          |              | Щ                      |  |  |
|          | 27                   |              |  |          |          |              |          |          | <u> </u>     |                        |  |  |
|          | 28                   |              | ļ  | -        | <b></b>  | ļ            |          |          | <u> </u>     | $\square$              |  |  |
|          | 29<br>30             | _            |  |          | <b></b>  |              |          | _        | _            | Щ                      |  |  |
|          | 30                   | <u> </u>     | _  | $\vdash$ | <u> </u> | ├_           | $\vdash$ | _        | $\vdash$     | $\vdash \vdash \vdash$ |  |  |
|          | 31                   | ├—           | ⊢  | ļ        | ļ        | <b> </b>     | Ь        | <u> </u> | ├-           | $\vdash \vdash$        |  |  |
|          | 32                   | -            |  | -        |          | -            | _        | <u> </u> | ├-           | $\vdash \vdash$        |  |  |
|          | 33                   | ├—           | ├  | ļ        | -        | -            | <u> </u> | <u> </u> | -            | $\vdash \vdash$        |  |  |
|          | 34                   | -            | <u> </u>   | $\vdash$ | <u> </u> | $\vdash$     | ├        |          |              | $\vdash \vdash$        |  |  |
|          | 35<br>36             | <u> </u>     | -  | H        | <u> </u> | $\vdash$     | <b></b>  | <u> </u> | -            | $\vdash\vdash$         |  |  |
|          | 37                   | $\vdash$     | $\vdash$   | $\vdash$ | <u> </u> | $\vdash$     | -        |          |              | $\vdash\vdash$         |  |  |
| L        | 38                   | <del> </del> | $\vdash$   | $\vdash$ | _        | ┈            | -        |          | -            | ${\mathbb H}$          |  |  |
|          | 39                   | <del> </del> | ┢  | $\vdash$ | _        | $\vdash$     | -        | _        | <del> </del> | $\vdash \vdash$        |  |  |
|          | 40                   | -            | 一  | $\vdash$ | _        | $\vdash$     | Т        | _        | _            | Н                      |  |  |
|          | 41                   | T            |  |          |          | T            |          |          |              | Н                      |  |  |
|          | 42                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 43                   |              |  |          | _        |              |          |          |              |                        |  |  |
|          | 44                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 45                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 46                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 47                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 48                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 49                   |              |  |          |          |              |          |          |              |                        |  |  |
|          | 50                   |              |  |          |          |              |          |          |              |                        |  |  |

| Claim                | 1            | Date  |          |          |                                     |          | Claim Date |          |              |   |       |          |          |   |   |    |          |          |          |          |          |
|----------------------|--------------|---|----------|----------|-------------------------------------|----------|------------|----------|--------------|---|-------|----------|----------|---|---|----|----------|----------|----------|----------|----------|
|                      | 1            |   |          |          |                                     |          |            |          |              |   |       |          |          |   |   |    |          |          |          |          |          |
| Original             | 7/21/06      |   |          |          |                                     |          |            |          |              |   | اع    | Original | l        |   |   |    |          |          |          | İ        |          |
| :   Ĕ                | 12           |   |          |          |                                     |          |            |          |              |   | Final | iĘ       |          |   |   |    |          |          |          |          |          |
|                      | Ľ            |   |          |          |                                     |          |            |          |              |   |       |          |          |   |   |    |          |          |          |          |          |
| 1                    | =            |   |          |          |                                     |          |            |          |              |   |       | 51       |          |   |   |    |          |          |          |          |          |
| 2 3                  | =            |   |          |          |                                     |          |            |          |              | ļ |       | 52       |          |   |   |    |          |          |          |          |          |
| 3                    | =            | _   |          |          | <u> </u>                            |          |            |          |              |   |       | 53       |          |   | _ |    |          |          |          |          |          |
| 4                    | =            | $ldsymbol{ld}}}}}}$ |          |          | L                                   |          |            |          |              |   |       | 54       |          |   |   |    | _        |          |          | Ш        | Ц        |
| 5                    | =            | ļ   |          |          | _                                   |          |            |          |              |   |       | 55       |          |   |   |    |          |          | L        |          | Ц        |
| 6                    | =            | <u> </u>  |          |          | _                                   |          |            |          |              |   |       | 56       |          | _ | _ |    |          |          |          | Ш        | $\Box$   |
| 7                    | =            | <u> </u>  |          |          | <u> </u>                            |          | _          |          | <u> </u>     |   |       | 57       |          |   | _ |    |          | _        |          | Ш        |          |
| 8                    | =            | <u> </u>  |          |          |                                     |          |            |          |              |   |       | 58       |          |   | _ |    |          |          |          |          | $\dashv$ |
| 9                    | =            | <u> </u>  |          | _        | <del> </del>                        | -        | _          | -        | <u> </u>     |   |       | 59       | $\vdash$ |   | _ |    | _        |          |          | Н        | -        |
| 0 10<br>1 11         | =            | -   |          |          | -                                   |          |            |          |              |   |       | 60<br>61 | $\vdash$ | _ |   |    |          |          |          | H        |          |
| 2 12                 | =            | -   | -        |          | -                                   |          |            |          |              |   |       | 62       | Н        | _ |   |    |          |          | H        | H        |          |
| 3 13                 | =            | ├   | H        |          |                                     | H        | _          |          |              |   |       | 63       | Н        |   |   |    | $\vdash$ |          | $\vdash$ | Н        |          |
| 2 12<br>3 13<br>4 14 | =            |   |          |          |                                     |          |            |          | -            |   |       | 64       |          |   |   |    |          | -        | ├        | $\vdash$ |          |
| 15                   | ╆            | -   |          |          | -                                   |          |            |          | -            |   |       | 65       |          | _ | _ |    | _        | -        |          |          |          |
| 16                   | +            |   | -        |          |                                     |          |            |          | $\vdash$     |   |       | 66       | -        | _ |   |    | $\vdash$ |          | $\vdash$ | Н        | $\dashv$ |
| 16<br>17             | +            | -   |          |          | -                                   |          |            |          | $\vdash$     |   |       | 66<br>67 |          |   |   |    | $\vdash$ |          | H        |          | $\dashv$ |
| 18                   | +            |   |          |          |                                     |          |            |          | $\vdash$     |   |       | 68       |          | _ |   |    | _        |          | ╁        | П        |          |
| 19                   | T            |   |          |          | H                                   |          |            |          | ┢            |   |       | 69       |          | _ |   |    |          |          | $\vdash$ | П        | $\dashv$ |
| 20                   | $\top$       |   |          |          |                                     |          |            |          |              |   |       | 70       |          |   |   |    |          |          |          |          |          |
| 21                   | $\top$       |   |          |          |                                     |          |            |          |              |   |       | 71       |          |   |   |    |          |          |          |          |          |
| 22                   |              |   |          |          |                                     |          |            |          | Γ            |   |       | 72       |          |   |   |    |          |          |          |          |          |
| 23                   |              |   |          |          |                                     |          |            |          |              |   |       | 73       |          |   |   |    |          |          |          |          |          |
| 24                   |              |   |          |          |                                     |          |            |          | L.,          |   |       | 74       |          |   |   |    |          |          |          |          |          |
| 25                   |              |   |          |          |                                     |          |            |          |              |   |       | 75       |          |   |   |    |          |          |          |          |          |
| 26                   |              |   |          |          |                                     |          |            |          |              |   |       | 76       |          |   |   |    |          |          |          |          |          |
| 27                   | 1            |   |          |          |                                     |          |            |          |              |   |       | 77       |          |   |   |    |          |          | <u> </u> |          |          |
| 28                   | <del> </del> |   |          |          | ļ.,                                 |          |            |          |              |   |       | 78       |          |   |   |    |          |          |          |          |          |
| 29                   | -            |   |          |          |                                     |          |            |          | _            |   |       | 79       |          | _ |   |    |          |          | _        |          | _        |
| 30                   | 1            |   | _        |          |                                     |          |            | _        | <u> </u>     |   |       | 08       | Ш        | _ |   |    | _        | L.       | <u> </u> |          | _        |
| 31                   | ┼            | <u> </u>  |          |          | ļ                                   |          |            |          | <u> </u>     |   |       | 81       | _        |   |   |    |          |          | -        |          |          |
| 32                   | +-           |   |          |          | <u> </u>                            |          | _          |          | _            |   |       | 82       | Н        |   |   |    | _        |          | ⊢        | $\vdash$ |          |
| 33                   | +-           | <u> </u>  |          |          | -                                   |          |            | <u> </u> |              |   |       | 83<br>84 | Н        |   |   |    | _        | _        | $\vdash$ | Н        |          |
| 34<br>35             | +            | -   |          |          | _                                   |          |            |          | <del> </del> |   |       | 04       | Н        |   | - | _  | <u> </u> | -        | ├        | $\vdash$ |          |
| 36                   | +            |   |          |          | $\vdash$                            |          |            | -        | ├            |   |       | 85<br>86 | Н        | _ |   | _  |          | -        | ┝        | $\vdash$ | $\dashv$ |
| 37                   | +            |   |          |          | ┢                                   | _        |            |          | ┢            |   |       | 87       | Н        | _ |   |    |          | -        | -        | $\vdash$ | -        |
| 38                   | +            |   | $\vdash$ | _        | -                                   | -        | -          | -        | $\vdash$     |   |       | 88       | Н        | _ |   | _  | -        | -        | ┝        | H        | $\dashv$ |
| 38<br>39             | 1            |   | _        |          | -                                   | -        | $\vdash$   | _        | $\vdash$     |   |       | 89       | Н        | _ | _ |    | $\vdash$ | -        | ┢╾       | Н        |          |
| 40                   | +            | ┢   |          | _        | $\vdash$                            | $\vdash$ | _          |          | $\vdash$     |   | -     | 90       | Н        |   |   |    |          |          | H        | П        |          |
| 41                   | †            |   |          |          | H                                   |          |            |          | Н            |   |       | 91       | Н        | _ |   |    |          |          |          | П        | _        |
| 42                   | $\top$       | Г   |          |          | Г                                   | Т        | _          |          |              |   |       | 92       | М        |   |   | _  |          |          | Г        | П        |          |
| 43                   | 1            |   |          |          |                                     |          |            |          |              |   |       | 93       | П        |   |   |    |          |          |          | П        |          |
| 44                   | 1            |   |          |          |                                     |          |            |          |              |   |       | 94       |          |   |   |    |          |          |          |          |          |
| 45                   |              |   |          |          |                                     |          |            |          |              |   |       | 95       |          |   |   |    |          |          |          |          |          |
| 46                   |              |   |          |          | 匚                                   |          |            |          | 匚            |   |       | 96       |          |   |   |    |          |          |          |          |          |
| 47                   |              |   |          |          |                                     |          |            |          |              |   |       | 97       |          |   |   |    |          |          |          |          |          |
| 48                   |              |   |          |          | _                                   | L        | L          | _        | <u> </u>     |   |       | 98       | Ш        |   |   |    | <u> </u> |          | _        | Ш        | Ш        |
| 49                   | 1_           | <u> </u>  |          | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | <u> </u>   |          |              |   |       | 99       | igsqcut  |   |   | L. | <u> </u> | <u> </u> | 匚        | Ш        | Щ        |
| 50                   |              |   | لــــا   | L        |                                     |          | L          |          | <u> </u>     |   |       | 100      | LJ       |   |   | L_ | L        | Ĺ        | L        | Ш        |          |

| Cla      | aim  |          |  |              |  | Date                         | •  |          |  |          |
|----------|--|----------|--|--------------|--|------------------------------|--|----------|--|----------|
|          |  |          |  |              |  |                              |  |          |  | $\sqcap$ |
| -e       | Original   |          |  |              |  |                              |  |          |  |          |
| Final    | Ē  |          |  |              |  |                              |  |          |  |          |
| 4        | ō  | 1        |  |              |  |                              |  |          |  |          |
|          |  | _        | _  |              | _  | _                            | L  | _        | _  | Щ        |
|          | 101<br>102<br>103<br>104<br>105<br>106<br>107  | _        |  | _            |  | _                            | Ш  | _        |  |          |
|          | 102  |          |  |              |  |                              |  |          |  |          |
|          | 103  |          |  |              |  |                              |  |          |  | <u> </u> |
|          | 104  |          |  |              |  |                              |  |          |  |          |
|          | 105  |          |  |              |  | Т                            |  |          |  |          |
|          | 106  |          |  |              |  |                              | $\overline{}$                                    |          |  | $\Box$   |
|          | 107  |          |  |              |  | $\vdash$                     | Н  | -        |  | $\vdash$ |
|          | 108  | _        | _  | _            |  | $\vdash$                     | $\vdash$   | -        | -  | $\vdash$ |
|          | 108<br>109<br>110  |          | $\vdash$   |              |  | -                            | -  | $\vdash$ | -  | $\vdash$ |
|          | 109  | _        |  | $\vdash$     | -  | -                            | -  | ⊢        | H  | $\vdash$ |
|          | 110  | _        | _  | <u> </u>     | _  | _                            |  | _        | $\vdash$   | Ш        |
|          | 111  |          | _  | <u> </u>     | _  | $oxed{oxed}$                 |  | <u> </u> | L  | Ш        |
|          | 112  |          | <u> </u>   | L_           | L.   |                              |  |          |  |          |
|          | 113  |          |  |              |  |                              | L  | L        | L  |          |
|          | 114  |          |  |              |  |                              |  |          |  |          |
|          | 115  |          |  |              |  |                              |  |          |  |          |
|          | 116  |          |  |              |  |                              | <u> </u>   | <u> </u> |  | М        |
|          | 117  |          | -  | $\vdash$     | <del>                                     </del> | _                            | $\vdash$   | ┢        | _  | Н        |
|          | 118  |          | $\vdash$   | -            | ┢╌   | -                            |  | $\vdash$ | $\vdash$   | Н        |
|          | 110  |          | ⊢  | ⊢            | $\vdash$   | -                            | ┝  | $\vdash$ | $\vdash$   | Н        |
|          | 119  | _        | -  | ┝            | ⊢  | -                            |  |          | -  | Н        |
|          | 120  | _        | <u> </u>   | L            | <u> </u>   | _                            | _  | <u> </u> | _  | Н        |
|          | 121  |          | <u> </u>   | <u> </u>     | _  |                              |  |          | ╙  | Ш        |
|          | 122  |          | _  | <u> </u>     | <u> </u>   |                              | L_   | _        | <u> </u>   |          |
|          | 123  |          |  |              |  |                              |  |          |  |          |
|          | 124  |          | <u>.</u>   |              |  |                              |  |          |  |          |
|          | 125  |          |  |              |  |                              |  |          |  |          |
|          | 126  |          |  |              |  |                              |  |          |  |          |
|          | 127  |          |  |              |  |                              | -  | _        |  |          |
|          | 128  |          |  |              |  |                              |  |          |  |          |
|          | 129  |          |  | -            | ┝  | _                            | ┢╾   | ┢        | ├  | Н        |
|          | 130  |          | -  | -            | ├  | -                            | <u> </u>   | ┝        | -  | Н        |
|          | 130  |          | -  | H            | $\vdash$   |                              | $\vdash$   | ┝        | -  | $\vdash$ |
|          | 131  | -        | <b> </b> -                                       | _            | <u> </u>   | _                            | ⊢  | ├        | _  | Н        |
|          | 132  | <u> </u> | -  | _            | <u> </u>   |                              | $\vdash$   | $\vdash$ | <u> </u>   | Ш        |
|          | 133  |          | _  | <u> </u>     | L_   | $ldsymbol{ldsymbol{\sqcup}}$ | <u> </u>   | _        | <u> </u>   | Ш        |
|          | 134  |          | <u> </u>   | L_           |  |                              |  |          | <u>L</u>   | Ш        |
|          | 111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136 |          |  |              |  | L                            |  | <u> </u> | L  | Ш        |
|          | 136  |          |  |              |  |                              |  |          |  |          |
|          | 137  |          |  |              |  |                              |  |          |  |          |
|          | 138<br>139<br>140  |          | Г  | T            |  |                              |  |          |  | М        |
|          | 139  |          |  |              | Т  | $\vdash$                     | $\vdash$   | $\vdash$ | Т  | H        |
| _        | 140  | $\vdash$ |  | -            | <del>                                     </del> | $\vdash$                     | <del>                                     </del> | $\vdash$ | $\vdash$   | Н        |
|          |  | $\vdash$ | Ι  | $\vdash$     | -  | -                            | ┢  | -        | <del>                                     </del> | Н        |
|          | 141  |          | -  | -            | -  | <u> </u>                     | -  | -        | -  | Н        |
|          | 142  |          |  | <del> </del> | <del> </del>                                     | -                            | _  |          | <u> </u>   | Н        |
|          | 143  | <u> </u> |  | ⊢-           | <u> </u>   | <u> </u>                     | <u> </u>   | <u> </u> | $\vdash$   | $\sqcup$ |
|          | 144  |          | L.   | <u> </u>     | _  | _                            | <u></u>  | <u> </u> | <u> </u>   | Ш        |
|          | 145  | L        | L_   | <u> </u>     | <u> </u>   |                              |  | L_       | 匚  |          |
|          | 146  | L.       | L  | L            | L  |                              |  | L        | Ĺ  |          |
|          | 147  |          |  |              |  |                              |  |          |  | П        |
|          | 148  |          | Ι_   |              | Г  |                              |  | Γ        | Г  | П        |
|          | 149  |          | <del>                                     </del> | $\vdash$     | Ι-   |                              | _  | Ι-       | $\vdash$   | H        |
| -        | 150  |          | H  | -            | -  | $\vdash$                     | $\vdash$   | ┢        | ┢  | Н        |
| <u> </u> | 130  | L—       | L  | <u> </u>     | L  | Щ.                           | Ц  | L        | Ц  | ш.       |
|          |  |          |  |              |  |                              |  |          |  |          |